

# JOINT STANDARDIZATION BOARDS (JSB)

## ENHANCING STANDARDIZATION MANAGEMENT

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# Defense Standardization Program



The DSP is chartered by **DoD Instruction 4120.24**, *Defense Standardization Program (DSP)*, which implements 10 USC 2451 and 2452. The **USD (AT&L) provides overall policy guidance** and the Defense Standardization Program Office serves as the DoD Executive Agent for the DSP.

## **Purpose:**

We ***champion standardization throughout DOD to reduce costs and improve operational effectiveness.***

## **The Realization of Our Vision will be Characterized by Evidence of Results, to include:**

- ***Improved interoperability*** of joint and coalition forces.
- ***Standardized*** parts that have lowered costs, reduced inventories, shortened logistics chains, improved readiness, and furthered civil-military integration.
- A DSP that is a single ***source for information exchange and coordination of*** all defense standardization efforts.
- Establishment of ***Joint Standardization Boards*** with a core cadre of experts.
- System requirements documents that reflect standardization requirements.
- ***Senior managers and program managers who view standardization as an essential element of acquisition program development.***

# Defense Standardization Program Office (DSPO):



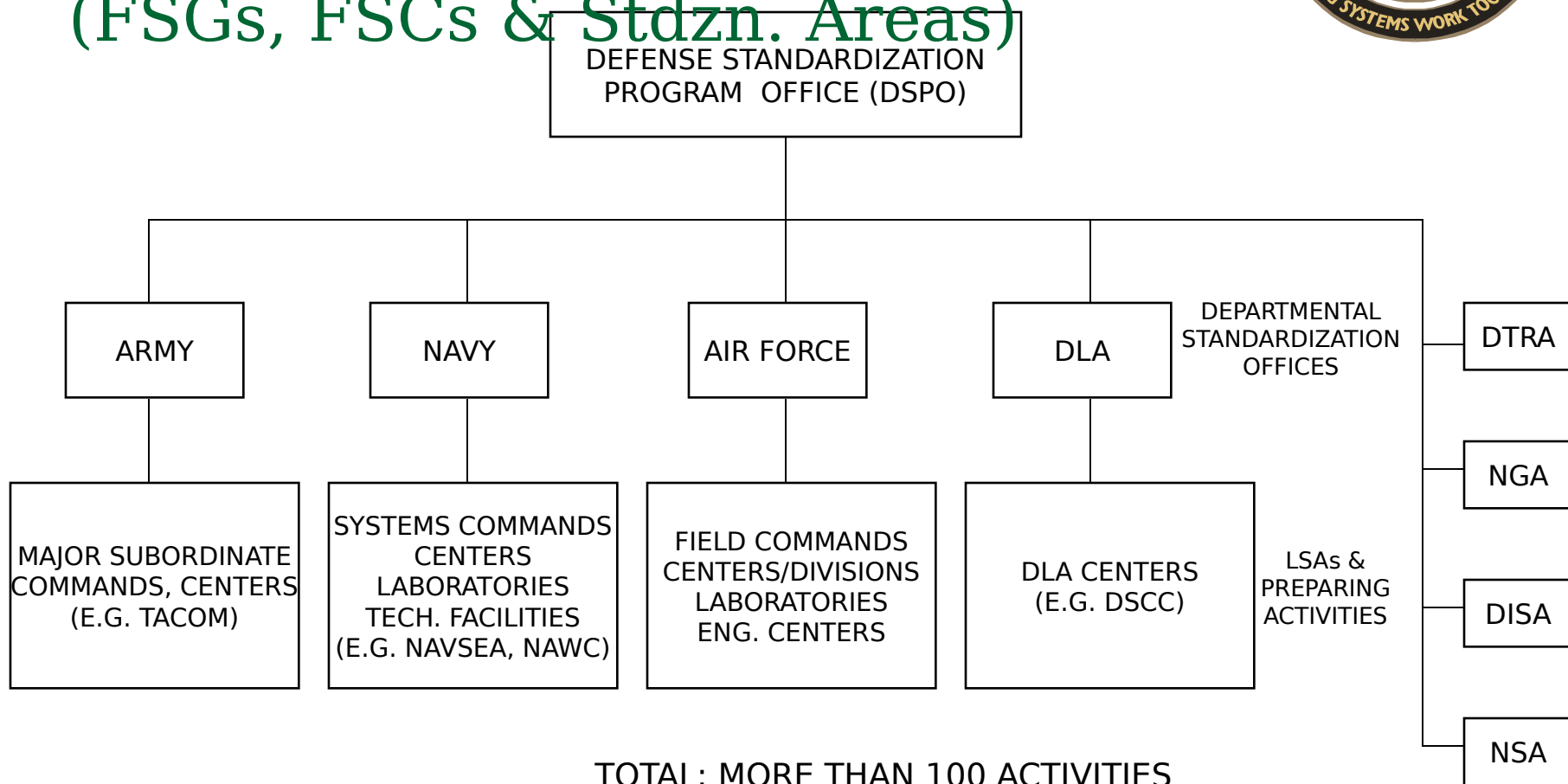
- Standardization Policy:
  - Mil Specs & Standards
    - QPL & QML
  - Non-government Standards
  - NATO Standards
  - Tool Kit for Program Managers
    - ASSIST
    - PMT
    - WSIT
  - Data Item Descriptions
  - Training / Education

# Benefits of Standardization



- **Improved Operational Readiness**
  - **Industry Accepted Standards**
  - **Improved interoperability**
  - **Smaller logistics Footprint**
    - **Improved supply chain response**
- **Improved Safety**
- **Lower Risk**
  - **Proven test & evaluation**
- **Reduced Costs**
  - **Greater Competition**
    - **Specs & Stds allow broad scope/participation**
  - **Not re-inventing the wheel**
- **Faster Response time from contractors**

# Specifications & Standards Infrastructure (FSGs, FSCs & Stdzn. Areas)



# Standardization Processes



- Specifications/Standards
  - Document Standardization Decisions
    - Archived in ASSIST
    - Interface w/Program Managers Tool
  - Support Acquisition
    - Interoperability across platforms
    - Compatibility of substitute/replacement items
  - Used throughout life cycle
    - Enable sustainment
- Inventory & Supply Chain Management
  - Commodity Councils
    - Bearings
    - Microcircuits
    - Oscilloscopes

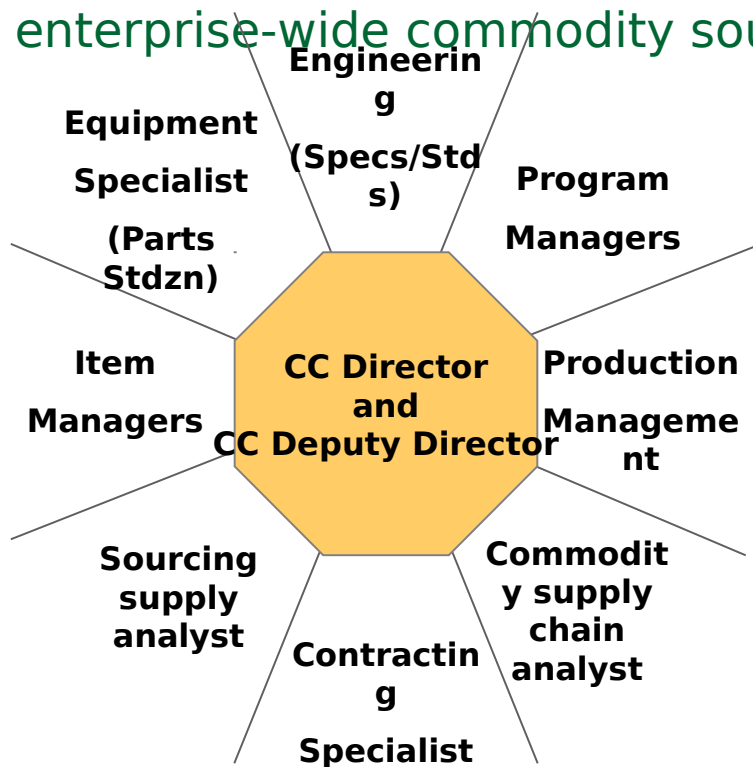
# Inventory & Supply Chain



## Mgt.

Commodity councils are cross-functional teams that will develop and execute

enterprise-wide commodity sourcing strategies



*Illustrative Commodity Council*

### **Responsible For:**

- Developing Service-wide commodity sourcing strategy
- Executing commodity sourcing strategy
- Monitoring supplier performance
- Developing and managing supplier relationships
- Researching commodity market

### **Not Responsible For:**

- Developing the demand planning forecast
- Managing weapon systems or items
- Conducting tactical planning, scheduling and asset management
- Performing tactical contract management activities

**Commodity councils are enterprise wide and cross-functional**

# Joint Standardization Boards Promote Interoperability



- Develop standards to meet the need
  - Support design requirements.
  - Standards used in acquisition process.
  - Essential to meet joint requirements.
- Target standardization opportunities.
  - Where it makes sense
- Not creating new bureaucracy.
  - Existing Coalition of the willing
  - Participants on board



# JSB Objectives



- Enhance Structure
  - Bring together stakeholders
    - Service/Agency Representatives
    - Industry Representatives
    - Commodity Council Representatives
    - Academia
- Achieve interoperability
  - Among systems
  - Equipment
  - Technologies
- Promote Standardization across the commodity
  - Develop Standards
- Conserve Resources

# Why Charter?

## Benefits of Establishing JSB



- **Provide executive-level advocacy.**
  - Defense Standardization Executive
  - Defense Standardization Council
  - Total Life Cycle System Management (TLCSM) Exec. Council
- **Achieve DOD-wide objectives.**
  - JSB to JSB networking
  - Commodity Council to JSB
- **Influence & guide multi-Service Standardization efforts.**
  - Not influenced by Administration changes
- **Document Solutions to Joint Service Problems.**
  - Mil Specifications/Standards
  - NGSs
  - ISAs
- **Address Congressional Concerns**

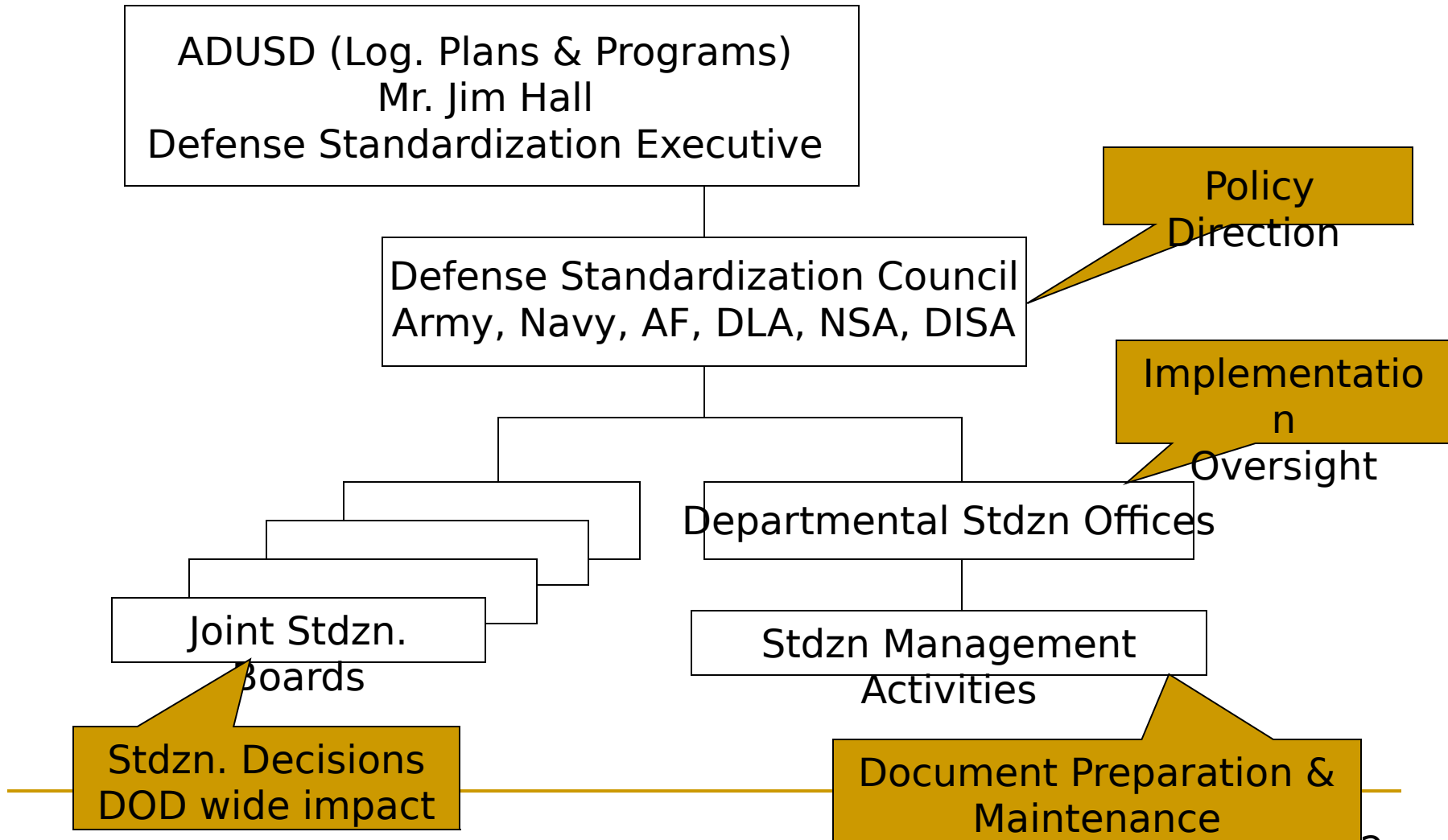
# Emphasis on Standardization



Report 109-141 Senate Appropriations Committee Report to accompany H. R. 2863  
(pg. 26)

*Shelter Standardization.*-The Committee notes that there are **no current regulations for the standardization of tents and general purpose shelters within the Department of Defense.** The Committee understands that the Department of the Army procures shelter systems based upon an articulated need developed with doctrine commands, and therefore has not developed a standard requirement service-wide for a general purpose shelter. It is also noted that defining such a requirement and creating a standard system of shelters is a challenge that falls upon the individual Services that is either centrally managed as a developmental program or through a procurement entity such as the Defense Logistics Agency. The most common challenge with shelter standardization is the varied requirements of each of the Services. Therefore, in an effort to achieve commonality and specific standards within the Department of Defense, **the Committee directs the Under Secretary of Defense for Acquisition, Technology and Logistics to report to the congressional defense committees, no later than March 1, 2006, on the feasibility of shelter standardization throughout the Department of Defense.**

# DSP Mgt. Structure w/Joint Stdzn. Boards



# JSBs w/Draft Charters



- Joint Intermodal Working Group
- Joint Committee on Tactical Shelters
- DOD Battery Technical Working Group
- Defense Microcircuits Planning Group
- Tactical Unmanned Aircraft Systems Group
- Joint Mobile Electric Power
- DOD Fuze Engineering Standardization WG
- Defense Medical Standardization Board

# Joint Standardization



## Boards (JSBs)

- Back-up Slides

# JSBs Support AT&L Goals



- AT&L Goal # 2 – Strategic and Tactical Acquisition Excellence:
  - Policy objectives, joint capability needs & available resources.
  - Acquisition execution improved across the TLC.
  - Joint Urgent Operational Needs promptly and efficiently fulfilled.
  - Capability fielded to meet warfighter needs.

# JSBs Support AT&L Goals



- AT&L Goal # 3 – Focused Technology to Meet Warfighting Needs:
  - ❑ Aligned & Prioritized RDT&E Investments.
  - ❑ Effective, Timely, and Affordable Technology Solutions.
  - ❑ Interoperable Technology Defined & Delivered
  - ❑ Joint Investment in S&T.
  - ❑ Robust, Highly Capable National Technical Capability.



# JSBs Support AT&L Goals



- Cost-effective Joint Logistics Support for the Warfighter:
  - Integrated, effective end-to-end supply chain operations.
  - Optimized equipment/systems design and sustainment reliability.
  - Achieve supply chain management improvement.
  - Cost-effective logistics and materiel readiness policies and programs.

# DSP Benefits



## ■ **Program Manager Tool (PMT)**

- ❑ Standards Application Tool to Improve Interoperability
- ❑ Standards Associated with Work Breakdown Structure to Level 3
- ❑ PMT Will Help Ensure Interoperability Considerations During Program Reviews

## ■ **PMT Categories**

- ❑ Aircraft Systems
- ❑ Electronic / Automated Software Systems
- ❑ Missile Systems
- ❑ Ordnance Systems
- ❑ Ship Systems
- ❑ Space Systems
- ❑ Medical Equipment & Supplies

# DSP Benefits



- **Weapon System Impact Tool (WSIT)**
  - Query by standardization document number (MilSpec, FedSpec, CID and NGS) for the following information:
    - List of affected Weapon Systems.
    - List of referenced NSNs and controlling part number.
  - Query by Weapon System for:
    - List of controlling standardization document numbers.

# DSP Benefits



- **Qualified Manufacturers List (QML) & Qualified Parts List (QPL) Database:**
  - ❑ Will allow for upkeep of lists in online database vs. paper lists posted online.
  - ❑ Standardize Listing Fields.
  - ❑ Revise policies as necessary.
  - ❑ Will be available in 2005.

# Defense Standardization Program Products:



- Nongovernment Standards
- Parts Management
- Qualification – QPL & QML
- Item Reduction
- Mil Specs and Standards
- NATO Standards
- Data Item Descriptions
- Automated Tools
- Standardization Policy
- Training, Education, Promotion